Index of Claims Index of Claims 10562296 Examiner NIZAL S CHANDRAKUMAR Applicant(s)/Patent Under Reexamination GAGE ET AL. Art Unit 1625

✓	Rejected	-	Cancelled	N	Non-Elected	Α	Appeal
=	Allowed	÷	Restricted	I	Interference	0	Objected

CLAIM inal Original 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	02/10/2009	N N N N N N N N N N N N N N N N N N N	03/19/2010 V N N N N N N N N N N N N		DATE			
1 2 3 3 4 4 5 5 6 6 7 7 8 8 9 10 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N					
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N					
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N					
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N					
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N					
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N					
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N	N N N N N N N N					
8 9 10 11 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	÷ ÷ ÷ ÷ ÷ ÷	N N N N	N N N N N N					
9 10 11 12 13 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	÷ ÷ ÷ ÷ ÷	N N N N N N	N N N N N N					
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	÷ ÷ ÷ ÷ ÷	N N N	N N N					
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	÷ ÷ ÷ ÷	N N N	N N N					
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	÷ ÷ ÷	N N	N N					
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	÷	N	N					
14 15 16 17 18 19 20 21 22 23 24 25 26 27	÷	1						
15 16 17 18 19 20 21 22 23 24 25 26 27	_	N						
16 17 18 19 20 21 22 23 24 25 26 27	÷		N					
17 18 19 20 21 22 23 24 25 26 27 28		N	N					
18 19 20 21 22 23 24 25 26 27 28	÷	N	N					
19 20 21 22 23 24 25 26 27	÷	N	N					
20 21 22 23 24 25 26 27 28	÷	N	N					
21 22 23 24 25 26 27 28	÷	N	N					
21 22 23 24 25 26 27 28	÷	N	N					
22 23 24 25 26 27 28	÷	N	N					
23 24 25 26 27 28	÷	N	N					
24 25 26 27 28	÷	N	N					
25 26 27 28	÷	N	N					+
26 27 28	÷	N	N					
27 28	÷	N	N					
28	÷	N	N	+	+			+
	÷	N	N		+		+	+
	÷	N	N					
30	÷	N	N		+			
31	÷	N	N		+		-	+
31		+	+ +		+		+	+
	÷	N	N					+
33		N	N	-	+		_	+
34 35	÷	N N	N N					-

Index of Claims 10562296 Examiner NIZAL S CH

Application/Control No.	Applicant(s)/Patent Under Reexamination
10562296	GAGE ET AL.
Examiner	Art Unit
NIZAL S CHANDRAKUMAR	1625

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

Α	Appeal
0	Objected

CLAIM Final Origin 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	DATE			
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N				
38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N				
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N				
40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N				
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N				
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N				
44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N				
44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N				
45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	÷	N N N N N N N N N N N N N N N N N N N	N N N N N				
46 47 48 49 50 51 52 53 54 55 56 57 58 59	÷ ÷ ÷ ÷ ÷ ÷ ÷	N N N N N N N N N N N N N N N N N N N	N N N N N				
47 48 49 50 51 52 53 54 55 56 57 58 59	÷ ÷ ÷ ÷ ÷	N N N N N	N N N N				
48 49 50 51 52 53 54 55 56 57 58 59	÷ ÷ ÷ ÷	N N N N N	N N N N				
49 50 51 52 53 54 55 56 57 58 59	÷ ÷ ÷	N N N N	N N N				
50 51 52 53 54 55 56 57 58 59	÷ ÷ ÷	N N N	N N				
52 53 54 55 56 57 58 59 60	÷	N N	N				
53 54 55 56 57 58 59 60	÷	N	_			-	
54 55 56 57 58 59			N		II		1
55 56 57 58 59 60		1					
56 57 58 59 60	÷	N	N				
57 58 59 60	÷	N	N				
58 59 60	÷	N	N				
59 60	÷	N	N				
60	÷	N	N				
	÷	N	N				
	÷	N	N				
61	÷	N	N				
62	÷	N	N				
63	÷	N	N				
64	÷	N	N				
65	÷	N	N				
66	÷	N	N				
67	÷	N	N				
68	÷	N	N				
69	÷	N	N				
70	÷	N	N				

Index of Claims Index of Claims 10562296 Examiner NIZAL S CHANDRAKUMAR Applicant(s)/Patent Under Reexamination GAGE ET AL. Art Unit 1625

✓	Rejected	-	Cancelled	N	Non-Elected	Α	Appeal
=	Allowed	÷	Restricted	I	Interference	0	Objected

CL	ΔIM				DATE			
		00/40/0000	00/04/0000	03/19/2010	DAIL	1		_
Final	Original							
	73 74	÷	N	N				+
		÷	N	N				 -
	75	÷	N	N				
	76	÷	N	N				
	77	÷	N	N				
	78	÷	N	N				 4
	79	÷	N	N				
	80	÷	N	N				
	81	÷	N	N				
	82	÷	N	N				
	83	÷	N	N				
	84	÷	N	N				
	85	÷	N	N				
	86	÷	N	N				
	87	÷	N	N				
	88	÷	N	N				
	89	÷	N	N				
	90	÷	N	N				
	91	÷	N	N				
	92	÷	N	N				
	93	÷	N	N				
	94	÷	N	N				
	95	÷	N	N				
	96	÷	N	N				
	97	÷	N	N				
	98	÷	N	N				
	99	÷	N	N				
	100	÷	N	N				 +
	101	÷	N	N				
	102	÷	N	N				+
	103	÷	N	N			-	+
	103	÷	N	N	+			+
	104	÷	N	N				+
	105	÷	N	N	+			 +
	106	÷	N N	N		1		

Part of Paper No.: 20100313

Index of Claims 10562296 Examiner NIZAL S (

Application/Control No.	Applicant(s)/Patent Under Reexamination
10562296	GAGE ET AL.
Examiner	Art Unit
NIZAL S CHANDRAKUMAR	1625

✓	Rejected	-	Cancelled
=	Allowed	÷	Restricted

N	Non-Elected
ı	Interference

Α	Appeal
0	Objected

Final Onginal 02/10/2009 08/04/2009 03/19/2010	CL	AIM		DATE								
109			02/10/2009	08/04/2009	03/19/2010	T		1				
110 + N N N											+	
1111 + N N 1112 ÷ N N 1113 + N N 1114 + N N 1115 ÷ N N 1116 + N N 1117 ÷ N N 1118 + N N 1119 + N N 120 + N N 121 + N N 122 + N N 123 + N N 124 + N N 125 + N N 126 + N N 127 + N N 128 + N N 130 + N N 131 + N N 133 + N N 134 + N N 135 + N											t	
112 + N N 113 + N N 114 + N N 115 + N N 116 + N N 117 + N N 118 + N N 119 + N N 120 + N N 121 + N N 122 + N N 123 + N N 124 + N N 125 + N N 126 + N N 127 + N N 128 + N N 129 + N N 130 + N N 131 + N N 133 + N N 133 + N N 135 + N N <td></td> <td></td> <td>÷</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>+</td>			÷								+	
113 + N N 114 + N N 115 + N N 116 + N N 117 + N N 118 + N N 119 + N N 120 + N N 121 + N N 122 + N N 123 + N N 124 + N N 125 + N N 126 + N N 127 + N N 128 + N N 129 + N N 130 + N N 131 + N N 133 + N N 134 + N N 135 + N N 136 + N N <td></td> <td>1</td>											1	
114 + N N 115 + N N 116 + N N 117 + N N 118 + N N 119 + N N 120 + N N 121 + N N 122 + N N 123 + N N 124 + N N 125 + N N 126 + N N 127 + N N 128 + N N 129 + N N 130 + N N 131 + N N 133 + N N 133 + N N 134 + N N 135 + N N 136 + N N <td></td> <td></td> <td>÷</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			÷									
116 + N N 117 + N N 118 + N N 119 + N N 120 + N N 121 + N N 122 + N N 123 + N N 124 + N N 125 + N N 126 + N N 127 + N N 128 + N N 130 + N N 131 + N N 132 + N N 133 + N N 133 + N N 133 + N N 133 + N N 135 + N N 136 + N N 138 + N N <td></td> <td></td> <td>÷</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>†</td>			÷								†	
116 + N N 117 + N N 118 + N N 119 + N N 120 + N N 121 + N N 122 + N N 123 + N N 124 + N N 125 + N N 126 + N N 127 + N N 128 + N N 130 + N N 131 + N N 132 + N N 133 + N N 133 + N N 133 + N N 133 + N N 135 + N N 136 + N N 138 + N N <td></td> <td></td> <td>÷</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			÷									
1117 + N N 118 + N N 119 + N N 120 + N N 121 + N N 122 + N N 123 + N N 124 + N N 125 + N N 126 + N N 127 + N N 128 + N N 130 + N N 131 + N N 132 + N N 133 + N N 134 + N N 135 + N N 136 + N N 137 + N N 138 + N N 139 + N N 140 + N N </td <td></td> <td></td> <td>÷</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			÷									
118 + N N 119 + N N 120 + N N 121 + N N 122 + N N 123 + N N 124 + N N 125 + N N 126 + N N 127 + N N 128 + N N 129 + N N 130 + N N 131 + N N 132 + N N 133 + N N 134 + N N 135 + N N 136 + N N 137 + N N 138 + N N 139 + N N 140 + N N <td></td> <td></td> <td>÷</td> <td>N</td> <td>N</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td>			÷	N	N						1	
120 + N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N			÷	N	N							
121 + N N 122 + N N 123 + N N 124 + N N 125 + N N 126 + N N 127 + N N 128 + N N 129 + N N 130 + N N 131 + N N 132 + N N 133 + N N 134 + N N 135 + N N 136 + N N 137 + N N 138 + N N 139 + N N 140 + N N 141 + N N		119	÷	N	N						1	
122 + N N 123 + N N 124 + N N 125 + N N 126 + N N 127 + N N 128 + N N 129 + N N 130 + N N 131 + N N 132 + N N 133 + N N 134 + N N 135 + N N 136 + N N 137 + N N 138 + N N 139 + N N 140 + N N		120	÷	N	N							
123 + N N 124 + N N 125 + N N 126 + N N 127 + N N 128 + N N 129 + N N 130 + N N 131 + N N 132 + N N 133 + N N 134 + N N 135 + N N 136 + N N 137 + N N 138 + N N 139 + N N 140 + N N		121	÷	N	N						1	
124 ÷ N N 125 ÷ N N 126 ÷ N N 127 ÷ N N 128 ÷ N N 129 ÷ N N 130 ÷ N N 131 ÷ N N 132 ÷ N N 133 + N N 134 ÷ N N 135 ÷ N N 136 ÷ N N 137 ÷ N N 138 ÷ N N 139 ÷ N N 140 ÷ N N		122	÷	N	N							
125 + N N 126 + N N 127 + N N 128 + N N 129 + N N 130 + N N 131 + N N 132 + N N 133 + N N 134 + N N 135 + N N 136 + N N 137 + N N 138 + N N 139 + N N 140 + N N		123	÷	N	N							
126 ÷ N N 127 ÷ N N 128 ÷ N N 129 ÷ N N 130 ÷ N N 131 ÷ N N 132 ÷ N N 133 ÷ N N 134 ÷ N N 135 ÷ N N 136 ÷ N N 137 ÷ N N 138 ÷ N N 139 ÷ N N 140 ÷ N N		124	÷	N	N							
127 ÷ N N 128 ÷ N N 129 ÷ N N 130 ÷ N N 131 ÷ N N 132 ÷ N N 133 ÷ N N 134 ÷ N N 135 ÷ N N 136 ÷ N N 137 ÷ N N 138 ÷ N N 139 ÷ N N 140 ÷ N N 141 + N N		125	÷	N	N							
128 ÷ N N 129 ÷ N N 130 ÷ N N 131 ÷ N N 132 ÷ N N 133 ÷ N N 134 ÷ N N 135 ÷ N N 136 ÷ N N 137 ÷ N N 138 ÷ N N 139 ÷ N N 140 ÷ N N 141 ÷ N N		126	÷	N	N							
129 ÷ N N 130 ÷ N N 131 ÷ N N 132 ÷ N N 133 ÷ N N 134 ÷ N N 135 ÷ N N 136 ÷ N N 137 ÷ N N 138 ÷ N N 139 ÷ N N 140 ÷ N N 141 ÷ N N		127	÷	N	N							
130 ÷ N N N 131 ÷ N N N 132 ÷ N N N 133 ÷ N N N 134 ÷ N N N 135 ÷ N N N 136 ÷ N N N 137 ÷ N N N 138 ÷ N N N 139 ÷ N N N 140 ÷ N N N 141 ÷ N N N		128	÷	N	N							
131 ÷ N N 132 ÷ N N 133 ÷ N N 134 ÷ N N 135 ÷ N N 136 ÷ N N 137 ÷ N N 138 ÷ N N 139 ÷ N N 140 ÷ N N 141 ÷ N N		129	÷	N	N							
132 ÷ N N 133 ÷ N N 134 ÷ N N 135 ÷ N N 136 ÷ N N 137 ÷ N N 138 ÷ N N 139 ÷ N N 140 ÷ N N 141 ÷ N N		130	÷	N	N							
133 ÷ N N N 134 ÷ N N N 135 ÷ N N N 136 ÷ N N N 137 ÷ N N N 138 ÷ N N N 139 ÷ N N N 140 ÷ N N N 141 ÷ N N N		131	÷	N	N							
134 ÷ N N 135 ÷ N N 136 ÷ N N 137 ÷ N N 138 ÷ N N 139 ÷ N N 140 ÷ N N 141 ÷ N N		132	÷	N	N							
135 ÷ N N 136 ÷ N N 137 ÷ N N 138 ÷ N N 139 ÷ N N 140 ÷ N N 141 ÷ N N		133	÷	N	N							
136 ÷ N N N S S S S S S S S S S S S S S S S		134	÷	N	N							
137 ÷ N N N			÷		N							
138 ÷ N N N		136	÷	N	N							
139 ÷ N N N 140 ÷ N N N 141 ÷ N N N			÷									
140 ÷ N N N 141 ÷ N N		138	÷	N	N							
141 ÷ N N		139	÷	N	N							
		140	÷	N	N							
142 ÷ N N		141	÷	N	N							
<u> </u>		142	÷	N	N							
		144	÷	N	N						1	

	Application/Control No.	Applicant(s)/Patent Under Reexamination
Index of Claims	10562296	GAGE ET AL.
	Examiner	Art Unit
	NIZAL S CHANDRAKUMAR	1625

✓ Rejected		d	_	Can	Cancelled		N	Non-Elected		Α	Appeal		
=	= Allowed		÷R		stricted		ı	Interference		O Obj		ected	
☐ CI	laims renumber	ed in tl	he same	order as pr	esented by a	applica	ınt		□ СРА] T.C	D. 🗆	R.1.47	
	CLAIM							DATE					
Fin	nal Origina	I 02/	/10/2009	08/04/2009	03/19/2010								
	145		÷	N	N								
	146		÷	N	N								
	147		÷	N	N								
	148		÷	N	N								
	149		÷	N	N								
	150		÷	N	N								
	151		÷	N	N								
	152		÷	N	N								
	153		÷	N	N								
	154		÷	N	N								
	155		÷	N	N								

156

157

158

159

160

161 162

163

164

165

166

167

168

169

÷

÷

÷

÷

÷

÷

÷

N

Ν

Ν

Ν

Ν

✓

Ν

Ν

Ν

Ν

Ν

N

Ν

Ν

Ν

N ✓

✓

Ν

Ν

Ν

Ν

Ν

U.S. Patent and Trademark Office Part of Paper No.: 20100313